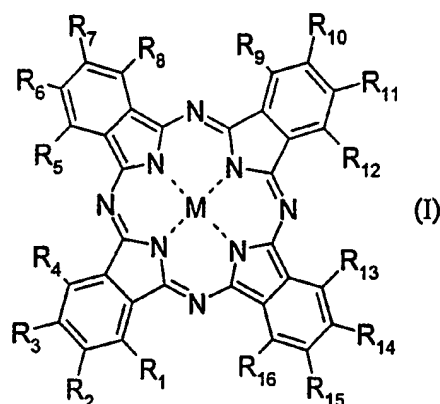


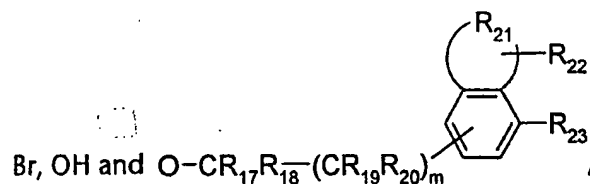
Claims:

1. A colour filter comprising areas of at least three different colours, wherein at least one area has its maximal visible light transmittance at a wavelength of from 520 to 540 nm and comprises a compound of formula

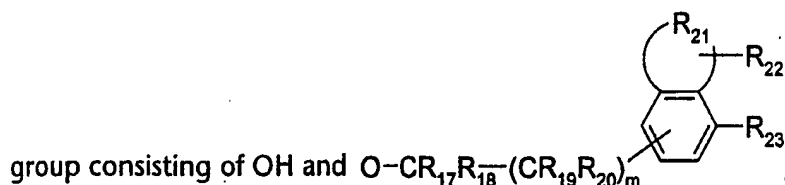


dispersed in a high molecular weight material,

in which formula (I)  $R_1, R_2, R_3, R_4, R_5, R_6, R_7, R_8, R_9, R_{10}, R_{11}, R_{12}, R_{13}, R_{14}, R_{15}$  and  $R_{16}$  are each independently from the others selected from the group consisting of H, F, Cl,

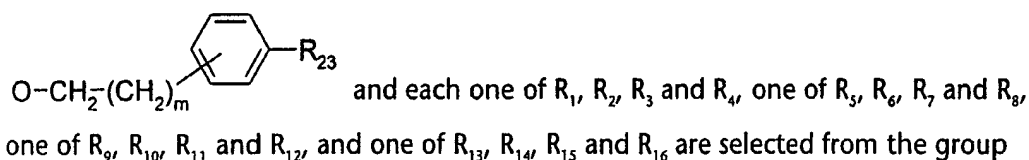


- 10  $R_{17}, R_{18}, R_{19}$  and  $R_{20}$  are independently from the others H or F,  $m$  is 0 or 1,  $R_{21}$  is 2 H,  $(CH_2)_3$ ,  $(CH_2)_4$ ,  $(CH)_4$ ,  $(CH)_2CH_2$ ,  $(CH)_2(CH_2)_2$  or  $CH_2(CH)_2CH_2$ ,  $R_{22}$  and  $R_{23}$  are independently from each other H, OH, Cl,  $NO_2$ ,  $CONHR_{24}$  or  $NHCOR_{24}$ ,  $R_{24}$  is methyl, ethyl or n-propyl, and  $M$  is 2 H, Cu, Co, Ni or Zn,
- 15 with the proviso that one of  $R_1, R_2, R_3$  and  $R_4$ , none or one of  $R_5, R_6, R_7$  and  $R_8$ , none or one of  $R_9, R_{10}, R_{11}$  and  $R_{12}$ , and none or one of  $R_{13}, R_{14}, R_{15}$  and  $R_{16}$  are selected from the



and all other  $\text{R}_1, \text{R}_2, \text{R}_3, \text{R}_4, \text{R}_5, \text{R}_6, \text{R}_7, \text{R}_8, \text{R}_9, \text{R}_{10}, \text{R}_{11}, \text{R}_{12}, \text{R}_{13}, \text{R}_{14}, \text{R}_{15}$  and  $\text{R}_{16}$  are selected from the group consisting of H, F, Cl and Br.

2. A colour filter according to claim 1, wherein  $\text{R}_1, \text{R}_2, \text{R}_3, \text{R}_4, \text{R}_5, \text{R}_6, \text{R}_7, \text{R}_8, \text{R}_9, \text{R}_{10}, \text{R}_{11},$   
 5  $\text{R}_{12}, \text{R}_{13}, \text{R}_{14}, \text{R}_{15}$  and  $\text{R}_{16}$  are selected from the group consisting of H, OH and



consisting of OH and  $\text{O}-\text{CH}_2(\text{CH}_2)_m$

3. A colour filter according to claim 1 or 2, wherein the area which has its maximal  
 10 visible light transmittance at a wavelength of from 520 to 540 nm comprises from 1 to 75% by weight, preferably from 5 to 50% by weight, with particular preference from 25 to 40% by weight, based on the overall weight of the area, of a compound of formula (I).

4. A colour filter according to claim 1, 2 or 3, further comprising a yellow colorant.

- 15 5. A liquid crystal display comprising a colour filter according to claim 1 and a luminescent backlight source emitting green light, from 90 to 100 energy-% of which green light has a wavelength of from 500 to 560 nm.

6. A composition for making colour filters comprising from 0.01 to 40% by weight, preferably from 1 to 25% by weight, with particular preference from 5 to 10% by  
 20 weight, based on the overall weight of the composition, of a compound of formula (I).

7. A composition according to claim 6, which additionally also comprise from 5 to 500 weight-% of a polymerisable compound, based on the compound of formula (I).
8. The use of a colour filter according to claim 1 in a liquid crystal display.
9. A compound of formula (I) according to claim 1, with the proviso that said  
5 compound is not a 1,8,15,22-, 2,9,16,23-, 2,9,16,24-, 2,9,17,24- or 2,10,16,24-tetrahydroxy phthalocyanine.
10. A mass-coloured high molecular mass organic material comprising
- (i) from 0.05 to 70% by weight, based on the sum of (i) and (ii), of a compound of formula (I) according to claim 1; and
- 10 (ii) from 99.95 to 30% by weight, based on the sum of (i) and (ii), of a high molecular mass organic material.
11. A liquid crystal display comprising: a colour filter comprising areas of at least three different colours, wherein at least one area has its maximal visible light transmittance at a wavelength of from 520 to 540 nm, preferably from 520 to  
15 530 nm, and comprises a phthalocyanine compound; and a luminescent backlight source emitting green light, from 90 to 100 energy-% of which green light has a wavelength of from 500 to 560 nm.